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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Farquhar *et al.*

Examiner: Johnson, Jonathan J.

Serial No.: 10/813,411

Group Art Unit: 1725

Filed: 03/30/2004

Dkt. No.: END920020094US2

Title: **Z-INTERCONNECTIONS WITH LIQUID CRYSTAL POLYMER DIELECTRIC FILMS**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DISCLOSURE AFTER PATENT IS GRANTED**

Sir:

Pursuant to 37 CFR 1.501, patentee of U.S. Patent No. 7,128,256 (S/N: 10/813,411 filed on 03/30/2004) desires to have the following four published documents made of record in the patent file of the above referenced issued patent:

<u>Japanese Patent Documents No(s).</u>	<u>Publication Date(s)</u>
PUPA 6-21649	01/28/1994
PUPA 2001-36245	02/09/2001
PUPA 2003-8209	01/10/2003
PUPA 8-97565	04/12/1996

A copy of these four-non-US published documents with an English abstract is enclosed herein for inclusion in the patent file.

Please charge any associated fees to our Deposit Account 09-0457.

Respectfully submitted,

Dated: 11/07/2006

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ifw



**TRANSMITTAL LETTER**  
**(General - Patent Issued)**

Docket No.  
**END920020094US2**

Patentee(s): **Rasquhar, et al.**

U.S. Patent No.  
**7,128,256**

Issue Date  
**October 31, 2006**

Title: **Z-INTERCONNECTIONS WITH LIQUID CRYSTAL POLYMER DIELECTRIC FILMS**

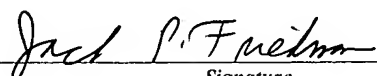
COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- Transmittal Letter
- Disclosure After Patent Is Granted (2 pages)
- 4 Foreign References

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **09-0457 (IBM)** as described below.
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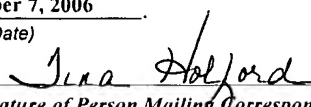
  
Signature

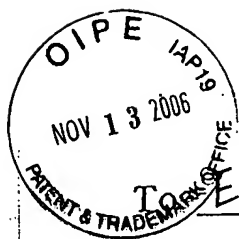
Dated: **November 7, 2006**

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on <b>November 7, 2006</b> (Date)	
 Signature of Person Mailing Correspondence	
<b>Tina Holford</b> Typed or Printed Name of Person Mailing Correspondence	



\*\*\* Information Materials for IDS \*\*\* RAK/SON

END IP Law Docket Number END9-2002-0094 Date September 11, 2001

Prepared by Shinya Mayama Date of JPO Office Action August 22, 2006

Applied Art (The following reference(s) were cited by JPO Examiner as Prior art to the following JP claims)

Ref.	Patent Document No. or Title	Publication Date (MM/DD/YY)	English abs. or counterpart document available (Y/N)	JP claim(s)
A	Pupa 6-21649	1/28/1994	Y	1~20
B	Pupa 2001-36245	2/9/2001	Y	1~20
C	Pupa 2003-8209	1/10/2003	Y	1~20
D	Pupa 8-97565	4/12/1996	Y	1~20
E				
F				

<NOTE>

to be continued ☐

◇ PUPA : Published Unexamined Patent Application

◇ PEPA : Published Examined Patent Application

◇ PUUMA : Published Unexamined Utility Model Application

◇ PEUMA : Published Examined Utility Model Application

◇ JP : Japanese Patent

◇ \* : Reference being filed before and published after the priority application date of the subject docket

Background Art (The following reference(s) were cited but not applied to the JP claims.)

Ref.	Patent Document No. or Title	Ref.	Patent Document No. or Title
bgA		bgD	
bgB		bgE	
bgC		bgF	

Comment, if any :

to be continued ☐

-END IP LAW-